IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Attorney Docket: D9310
CRAI	G B. PRATER ET AL.)	
Seria	No.: 08/679,332)	
Filed: JULY 11, 1996)	I HERERY
Group Art Unit: 2212)	I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING COMMISSIONER OF PATENT OF TRADEBLE TO:
Examiner: LARKIN) -	WASHINGTON, D.C. 20231. ON TRAPEMAPER
For:	SCANNING STYLUS ATOMIC FORCE MICROSCOPE WITH CANTILEVER TRACKING AND OPTICAL ACCESS)	127/97 14TE 7/97

POWER OF ATTORNEY

Honorable Commissioner of Patents and Trademarks
U. S. PATENT & TRADEMARK OFFICE Washington, D.C. 20231

Sir:

As the president of the owner/assignee for the above-identified application, I hereby revoke all powers of attorney previously given and hereby appoint the following attorneys to transact all business in the U. S. Patent & Trademark Office connected with this application:

PATRICK F. BRIGHT, Reg. No. 24,318

All correspondence relating to this application is to be addressed to: Patrick F. Bright, Esq., BRIGHT & LORIG, P. C., 633 West Fifth Street, Suite 3330, Los Angeles, CA 90071.

Respectfully submitted,

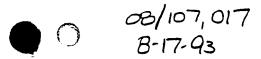
DIGITAL INSTRUMENTS, INC., Assignee

May <u>22</u>, 1997

Virgil B. Elings

President

ASSIGNMENT



U.C. Case No. 92-176-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), 2. Barney DRAKE 1. Paul K. HANSMA hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 300 Lakeside Drive, 22nd Fl., Oakland, CA 94612-3550, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:... TITLE ATOMIC FORCE MICROSCOPE AND METHOD OF OPERATING AN ATOMIC FORCE MICROSCOPE and which is found in U.S. patent application executed on , entitled as above and listing the above named persons as inventors U.S. application serial no. 107,017, filed on August 17, 1993 U.S. Patent No.: ______, issued ____ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) y 29 day of March, 1994 Paul K. HANSMA 1 31 day of March, 1994 Barney DRAKE

> UTE 15 VIET MÉEMARK OFFICE

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Page 40f4
Declaration

	614 Alameda Pudne Serna
BARNEY DRAKE	Residence: 545 North Patterson
NAME OF SECOND JOINT INVENTOR SIXTH	931005 Santa Barbara, CA 9311
Barry Drah	
Signature of Inventor	Citizen of: USA
,	Post Office Address: c/o UNIVERSITY OF CALI-
10/8/93	FORNIA OF SANTA BARBARA, Department of
Date	Physics, Santa Barbara, CA 93106
	Residence:
SOUTH AND STATES AND S	
	Citizen of:
Signature of Inventor	
	Post Office Address:
Date	
	Residence:
MAKMAY KA KANGA KA	
	Citizen of:
Signature of Inventor	Post Office Address:
Date	
	Residence:
RXKMIX MI TYHOK HITIKKIO IIKAM	
	Citizen of:
Signature of Inventor	Post Office Address:
Date	



Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE)Craig B. PRATER
NIPPRY MAMES	5530 Pembroke Santa Barbara, California 93111
NSERT NAMES UND RESIDENCE ODDRESSES OF THE INVENTORS:	James MASSIE 473 Mountain Drive
	Santa Barbara, California 93103
	David A. GRIGG
	1217 Stonecreek Road, Unit E Santa Barbara, California 93105
	Santa Barbara, Callionnia 75105
	Virgil B. ELINGS
	4664 Via Clarice Santa Barbara, California 93110
	Santa Barbara, Carrothia your
	, respectively,
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: ATOMIC FORCE MICROSCOPE AND
	METHOD OF OPERATING AN ATOMIC FORCE MICROSCOPE
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed on Oct. 5, 7, and 8, 1993, respectively
	(Application No08/107,017, filedAugust 17, 1993), and
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:	WHEREAS, DIGITAL INSTRUMENTS, INC.
OTHER ASSIGNEE.	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	520 E. Montecito Street, Santa Barbara, CA 93103
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries:

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington. Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	/	
Date.	(Signature of Inventors	
	Craig B. PRATER	
Date:		
Date.	(Signature or Inventor)	
	James MASSIE	
/ Date:	• /	
Date	(Signature of Inventor)	
	David A. GRIGG	
	yavia sis	
.Date:	(Signature of Inventor)	
	··· •	
	Virgil B. ELINGS	
Date:		
Date:	(Signature of Inventor)	
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Date:	(Signature of Inventor)	···
	(Till Water of America)	
Date:		
	(Signature of Inventor)	
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Date:	(Signature of Inventor)	
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OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY

ARLINGTON, VIRGINIA 22202